

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Makoto MIYAMOTO et al.

Application No.: New US Application

Filed: September 8, 2003

Docket No.: 117051

For: INFORMATION-RECORDING MEDIUM

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of the non-English language references Nos. 3-8, 12, 16, 18 and 20 is discussed in the present specification.
- ☒ 3. The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 C.F.R. §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.
- ☒ 4. English-language Abstracts of the non-English language references Nos. 3-13 are attached hereto.
- ☒ 5. Computer-generated English translations of the following Japanese Patent Publication have been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and are attached, but has not been reviewed for accuracy. See References 8 and 10-13.
- ☒ 6. References 1 and 12 correspond to each other. References 2 and 11 correspond to each other. References 10 and 14 correspond to each other.

Respectfully submitted,



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<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 117051		APPLICATION NO. New US Application	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANTS Makoto MIYAMOTO et al.			
				FILING DATE September 8, 2003			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
	1	5,011,723	04/30/1991	Harigaya et al.			
	2	2001/0019810 A1	09/06/2001	Yamada et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	3	JP A 2-147289 (with abstract)	06/06/1990	Japan			
	4	JP A 62-209741 (with abstract)	09/14/1987	Japan			
	5	JP A 62-73439 (with abstract)	04/04/1987	Japan			
	6	JP A 1-220236 (with abstract)	09/01/1989	Japan			
	7	JP A 1-287836 (with abstract)	11/20/1989	Japan			
	8	JP A 2001-322357 (with abstract and translation)	11/20/2001	Japan			
	9	JP A 64-79945 (with abstract)	03/24/1989	Japan			
	10	JP B2 2592800 (with abstract and translation)	12/19/1996	Japan			
	11	JP B2 2574325 (with abstract and translation)	10/24/1996	Japan			
	12	JP B2 2941848 (with abstract and translation)	06/18/1999	Japan			
	13	JP B2 2583221 (with abstract and translation)	11/21/1996	Japan			
	14	EP 0 355 865 A2	02/28/1990	Europe			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	15	"Proceeding of the 13 <sup>th</sup> Symposium on Phase Change Optical Information Storage PCOS2001", December 2001, pp 1-6 FURUKAWA et al "Advanced 4.7GB DVD-RAM with a 4X Data transfer Rate, Moriguchi, Japan, pp 55-60"					
	16						
	17	"2002 International Symposium on optical Memory and Optical Data Storage Topical Meeting, Waikoloa, Hawaii, July 11, 2002 MIYAMOTO et al., "High-Transfer-Rate 4.7-GB DVD-RAM"					
	18						
	19	"Japanese Journal of Applied Physics", February 2000, Vol. 39, No. 2B KASAMI et al., "Large Capacity and High-Data-Rate Phase-Change Disks", Jpn. J. Appl. Phys. Vol. 39 (2000), pp. 756-761"					
	20						
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: September 8, 2003